1 <u>What is claimed is</u>:

2

3   1.   A method of controlling a drum type washing machine, the drum type

4 washing machine equipped with an automatic washing function, the method including a step

5 (a) of washing a laundry on each separate washing condition according to a temperature of

6 water.

7

8   2. The method as claimed in claim 1, the step (a) comprising:

9   a step (b) of sensing a laundry amount in a washing tub;

10   a step (c) of sensing the temperature of the water; and

11   a step (d) of washing the laundry on the washing condition set up previously

12 according to the sensed laundry amount and temperature.

13

14   3.   The method as claimed in claim 2, wherein the washing condition set up

15 previously is stored in a predetermined memory by 'look-up table'.

16

17   4.   The method as claimed in claim 2, the step (d) comprising the steps of:

18   performing a washing on a first washing condition by judging that the water is cold if

19 the sensed temperature is below a predetermined degree; and

20   performing the washing on a second washing condition by judging that the water is

21 hot if the sensed temperature is above a predetermined degree.

22

23   5.   A method of controlling a drum type washing machine, comprising:

24   a step (a) of checking whether an automatic washing or a manual washing is selected

25 if power of the drum type washing machine is turned on;

26 a step (b) of turning on a water supply valve by receiving an input of a washing

27 condition from a user in direct if the manual washing is selected or sensing a laundry amount

28 in a washing tub and then turning on the water supply valve to sense a temperature of water;

29 and

30 a step (c) of supplying the water up to a setup water level, turning off the water

31 supply valve, and performing a washing on a washing condition set up previously according

32 to the sensed laundry amount and the sensed temperature of the water.

33

34 6. The method as claimed in claim 5, the step (c) comprising the steps of:

35 performing a washing on a first washing condition by judging that the water is cold if

36 the sensed temperature is below a predetermined degree; and

37 performing the washing on a second washing condition by judging that the water is

38 hot if the sensed temperature is above a predetermined degree.